

Anti-Epac2 Rabbit Monoclonal Antibody

Catalog # ABO15641

Product Information

Application	WB
Primary Accession	Q8WZA2
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-Epac2 Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human, Mouse, Rat.

Additional Information

Gene ID	11069
Other Names	Rap guanine nucleotide exchange factor 4, Exchange factor directly activated by cAMP 2, Exchange protein directly activated by cAMP 2, EPAC 2, cAMP-regulated guanine nucleotide exchange factor II, cAMP-GEFII, RAPGEF4, CGEF2, EPAC2
Calculated MW	115522
Application Details	WB 1:500-1:2000
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 22R17
Immunogen	A synthesized peptide derived from human Epac2
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

Name	RAPGEF4
Synonyms	CGEF2, EPAC2
Function	Guanine nucleotide exchange factor (GEF) for RAP1A, RAP1B and RAP2A

small GTPases that is activated by binding cAMP. Does not seem to activate RAB3A. Involved in cAMP-dependent, PKA-independent exocytosis through interaction with RIMS2 (By similarity).

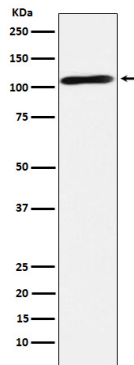
Cellular Location

Cytoplasm. Membrane; Peripheral membrane protein

Tissue Location

Predominantly expressed in brain and adrenal gland. Isoform 2 is expressed in liver. Isoform 1 is expressed in liver at very low levels

Images



Western blot analysis of Epac2 expression in Human fetal brain lysate.

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